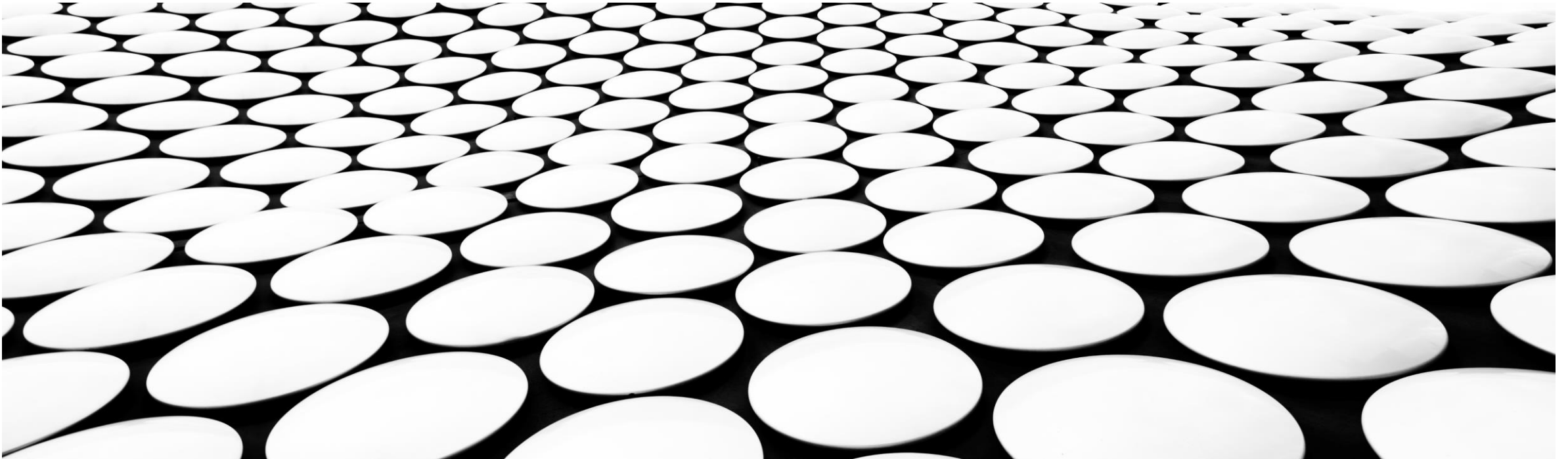
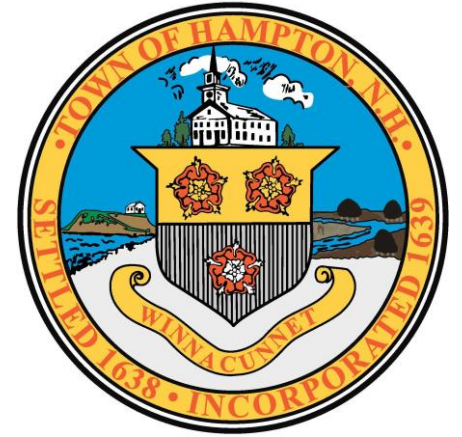


TOWN OF HAMPTON SOLID WASTE AUDIT PART 1

HAMPTON DPW - OCTOBER 14, 2021



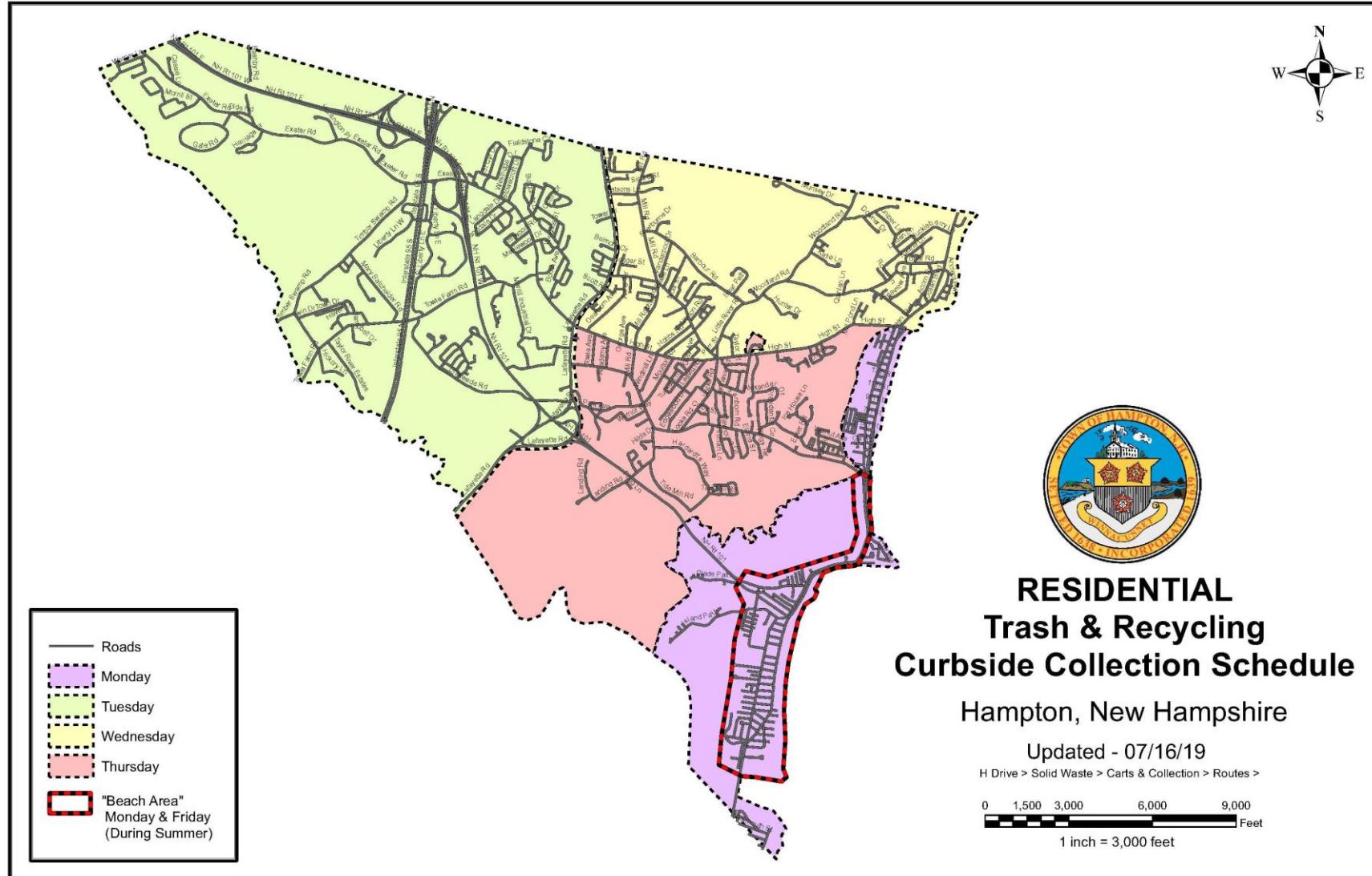


SOLID WASTE AUDIT PART 1

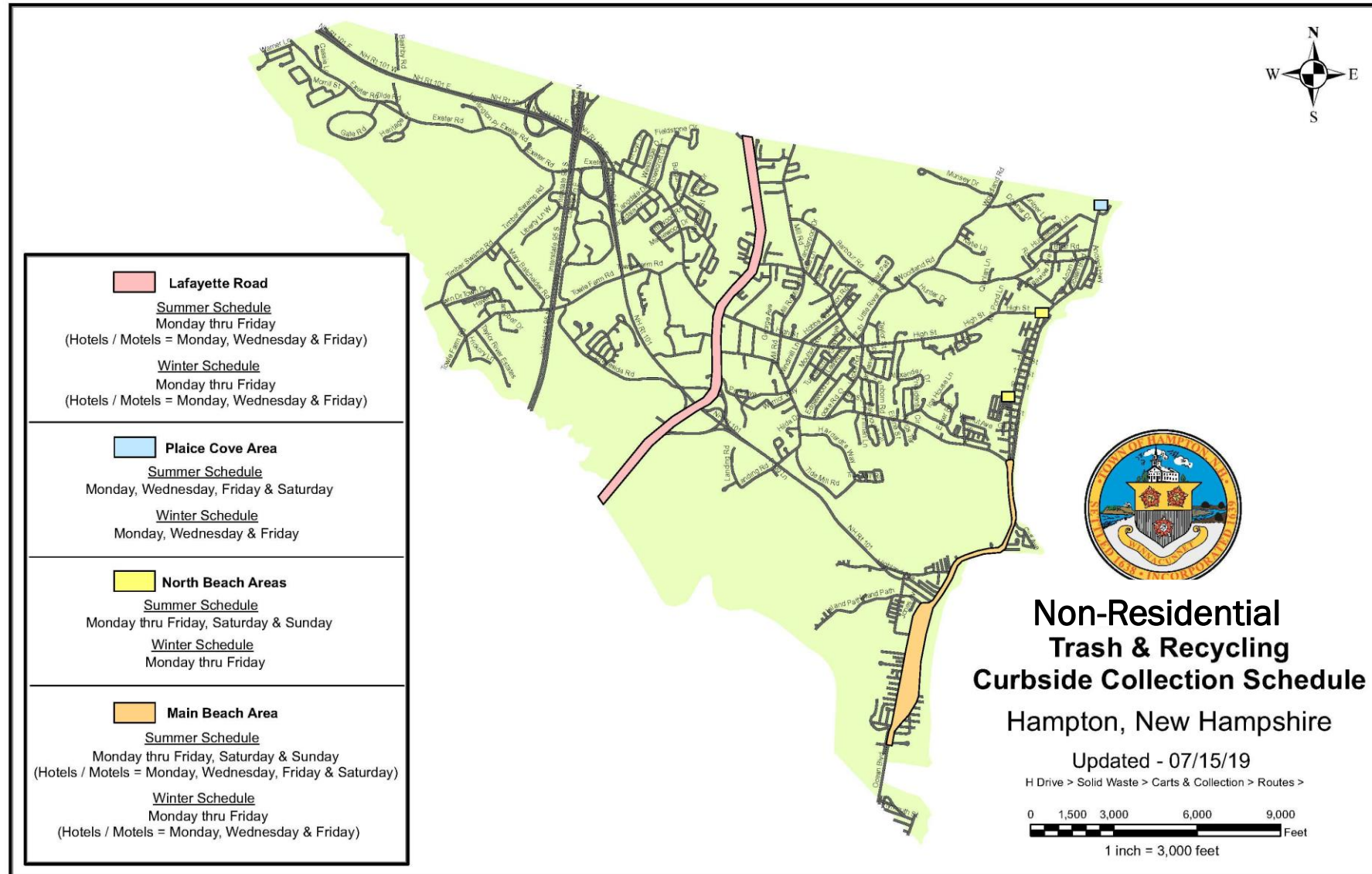
- August 15 – 21, 2021
- Summer Season
- Residential & Non-Residential
- Number of Carts
- Weight
- Trash and Recycling Associated Costs



RESIDENTIAL TRASH & RECYCLING



NON-RESIDENTIAL TRASH & RECYCLING



SOLID WASTE AUDIT PART 1 SUMMARY

Residential

- Avg Weight Trash Cart 33.5 lbs
- Avg Weight Recycle Cart 13.4 lbs
- 66% of Trash and Recycle Stream

Non-Residential

- Avg Weight Trash Cart 55.2 lbs
- Avg Weight Recycle Cart 25.0 lbs
- 34% of Trash and Recycle Stream

TOTALS OVER 7 DAYS

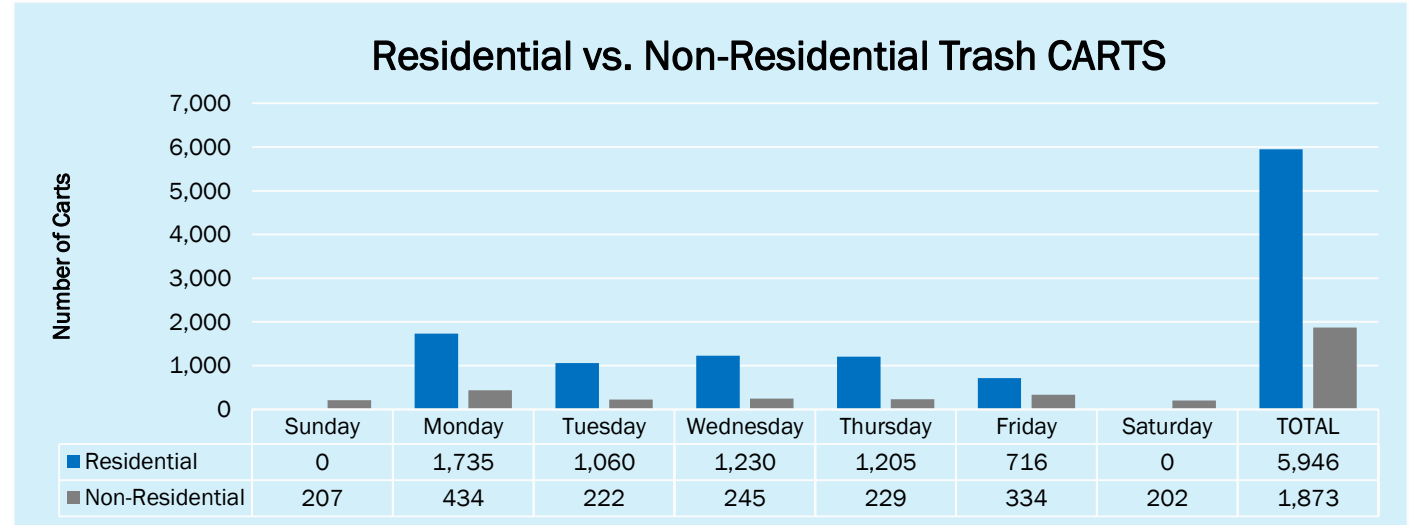
- 14,961 Carts Collected
- 416,250 lbs (+/-208 tons)

Recycle Rate for both Residential
and Non-Residential 27%

TRASH COLLECTION OVER 7 DAYS

- Total Carts 7,819 – Includes carts that are picked up multiple times over the week

Cart Totals

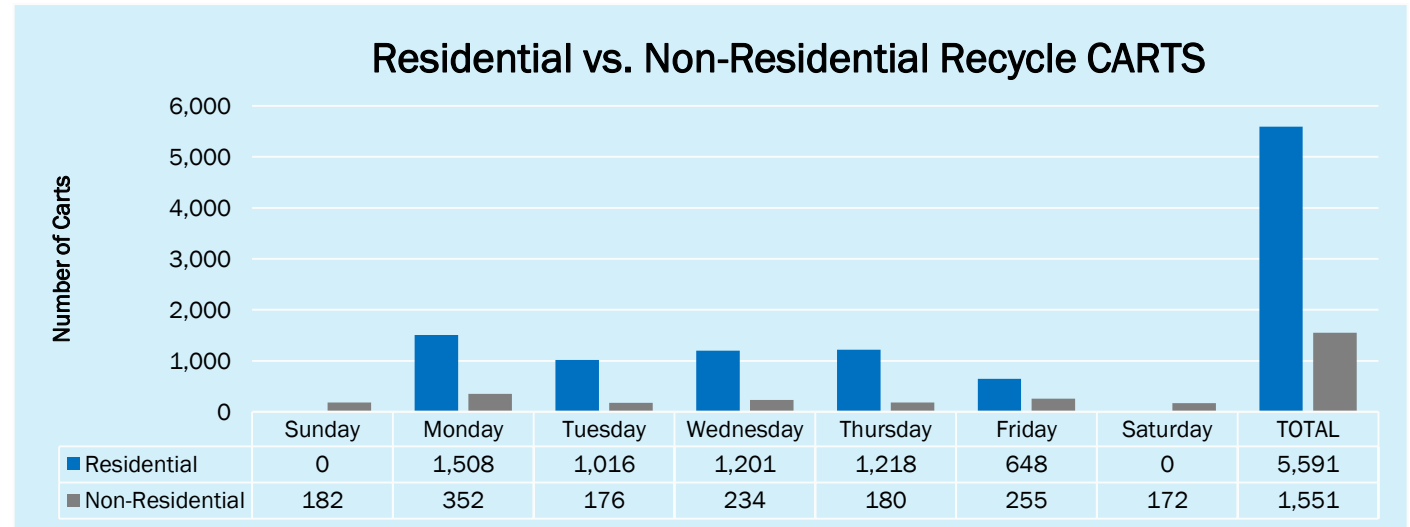


TRASH	Residential		Non-Residential		Combined	
	Carts	Weight (lbs)	Carts	Weight (lbs)	Carts	Weight (lbs)
Sunday	0	0	207	13,740	207	13,740
Monday	1,735	56,880	434	23,100	2,169	79,980
Tuesday	1,060	36,340	222	10,700	1,282	47,040
Wednesday	1,230	42,190	245	15,200	1,475	57,390
Thursday	1,205	40,940	229	14,100	1,434	55,040
Friday	716	22,680	334	15,760	1,050	38,440
Saturday	0	0	202	10,720	202	10,720
TOTAL	5,946	199,030	1,873	103,320	7,819	302,350

RECYCLING COLLECTION OVER 7 DAYS

- Total Carts 7,142 – Includes carts that are picked up multiple times over the week
- 677 Carts less than trash

Cart Totals

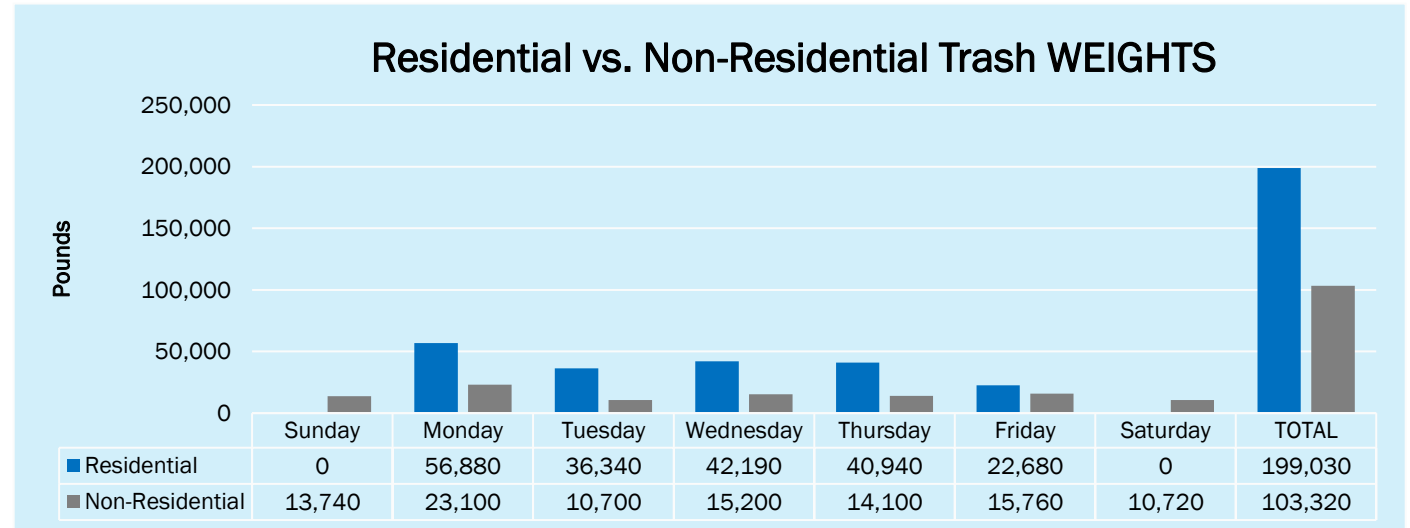


RECYCLING	Residential		Non-Residential		Combined	
	Carts	Weight (lbs)	Carts	Weight (lbs)	Carts	Weight (lbs)
Sunday	0	0	182	5,240	182	5,240
Monday	1,508	20,440	352	8,780	1,860	29,220
Tuesday	1,016	14,560	176	3,540	1,192	18,100
Wednesday	1,201	15,820	234	4,500	1,435	20,320
Thursday	1,218	16,880	180	5,100	1,398	21,980
Friday	648	7,460	255	6,700	903	14,160
Saturday	0	0	172	4,880	172	4,880
TOTAL	5,591	75,160	1,551	38,740	7,142	113,900

TRASH COLLECTION OVER 7 DAYS

- Total Weight 302,350 lbs or +/-151 tons

Cart Weights

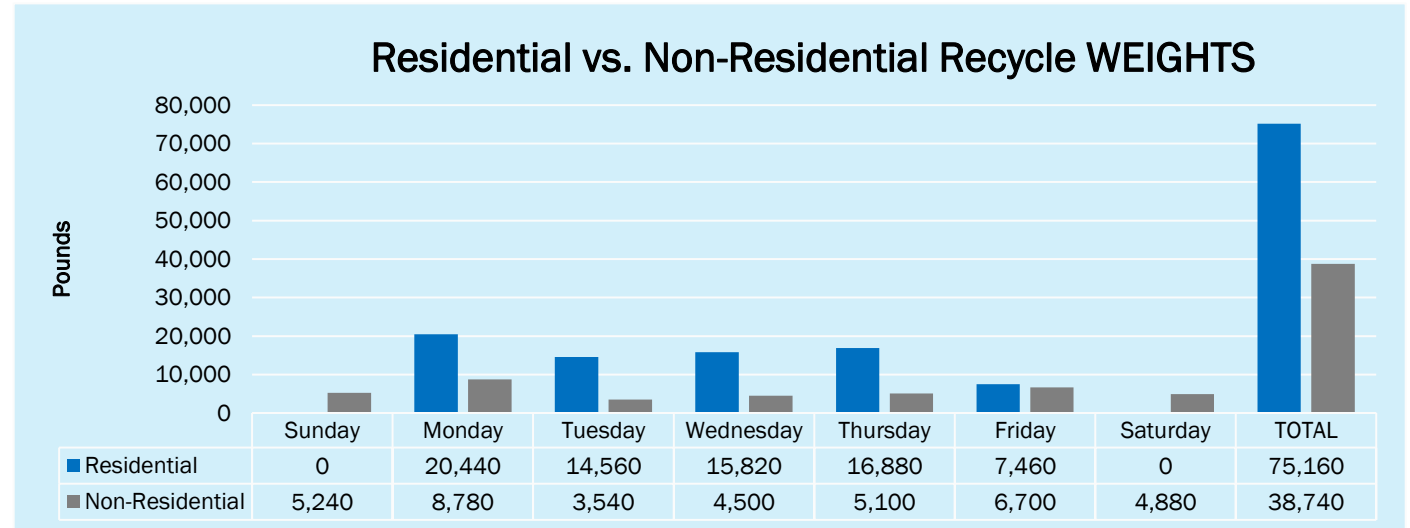


TRASH	Residential		Non-Residential		Combined	
	Carts	Weight (lbs)	Carts	Weight (lbs)	Carts	Weight (lbs)
Sunday	0	0	207	13,740	207	13,740
Monday	1,735	56,880	434	23,100	2,169	79,980
Tuesday	1,060	36,340	222	10,700	1,282	47,040
Wednesday	1,230	42,190	245	15,200	1,475	57,390
Thursday	1,205	40,940	229	14,100	1,434	55,040
Friday	716	22,680	334	15,760	1,050	38,440
Saturday	0	0	202	10,720	202	10,720
TOTAL	5,946	199,030	1,873	103,320	7,819	302,350

RECYCLE COLLECTION OVER 7 DAYS

- Total Weight 113,900 lbs or +/-57 tons
- 188,450 lbs or +/- 94 tons less than trash

Cart Weights



RECYCLING	Residential		Non-Residential		Combined	
	Carts	Weight (lbs)	Carts	Weight (lbs)	Carts	Weight (lbs)
Sunday	0	0	182	5,240	182	5,240
Monday	1,508	20,440	352	8,780	1,860	29,220
Tuesday	1,016	14,560	176	3,540	1,192	18,100
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Thursday	1,218	16,880	180	5,100	1,398	21,980
Friday	648	7,460	255	6,700	903	14,160
Saturday	0	0	172	4,880	172	4,880
TOTAL	5,591	75,160	1,551	38,740	7,142	113,900

TRASH & RECYCLE COLLECTION OVER 7 DAYS

- Trash Residential Average Weight 33.5 lbs per cart
- Recycle Residential Average Weight 13.4 lbs per cart
- Trash Non-Residential Average Weight 55.2 lbs per cart
- Recycle Non-Residential Average Weight 25.0 lbs per cart

Average Cart Weights

Weight per Cart (lbs.)	Residential		Non-Residential		Combined	
	Recycle	Trash	Recycle	Trash	Recycle	Trash
Sunday			28.8	66.4	28.8	66.4
Monday	13.6	32.8	24.9	53.2	15.7	36.9
Tuesday	14.3	34.3	20.1	48.2	15.2	36.7
Wednesday	13.2	34.3	19.2	62.0	14.2	38.9
Thursday	13.9	34.0	28.3	61.6	15.7	38.4
Friday	11.5	31.7	26.3	47.2	15.7	36.6
Saturday			28.4	53.1	28.4	53.1
TOTAL	13.4	33.5	25.0	55.2	15.9	38.7



2021 ESTIMATED TOTAL TIPPING AND HAULING COST

Total Residential and Non-Residential Summer Average Costs:

- Trash Tipping \$ 12,253 per week
- Trash Hauling \$ 2,920 per week
- Total Trash \$ 15,173 per week

Total Trash 13 Weeks \$ 197,244

- Recycling Tipping \$ 7,404 per week
- Recycling Hauling \$ 1,337 per week
- Total Recycling \$ 8,741 per week

Total Recycling 13 Weeks \$ 113,631

Summer Total Cost \$ 310,875

TRASH

- Tipping \$81.05/ton
- Hauling \$405.60/Haul

Recycle

- Tipping \$130.00/ton
- Hauling \$364.00/Haul

Costs are based on the executed contracts with Waste Management and Greenworks with increases yearly based on the average CPU for the preceding 6 months

Combined - Trash

- 7,819 Total Carts Collected
- \$25.22 / Cart during Summer

Combined – Recycling

- 7,142 Total Carts Collected
- \$15.91 / Cart during Summer

Residential - Trash

- 5,946 Total Carts Collected
- \$21.83 / Cart during Summer

Residential – Recycling

- 5,591 Total Carts Collected
- \$13.41 / Cart during Summer

Non-Residential - Trash

- 1,873 Total Carts Collected
- \$35.98 / Cart during Summer

Non-Residential – Recycling

- 1,551 Total Carts Collected
- \$24.92 / Cart during Summer

COSTS PER CART





SOLID WASTE AUDIT PART 2

- February (non vacation week)
- Non - Summer Season
- Residential & Non-Residential
- Number of Carts
- Weight
- Trash and Recycling Associated Costs



QUESTIONS?

Email: Director Jennifer Hale

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Transfer Station Foreman Jim Hafey

Jhafey@hamptonnh.gov

